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| Substitute Form PTO-1449<br>(Modified)   |  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>07977-300001 | Application No.<br>10/072,507 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Seo, et al.                                   |                                       |                               |
|  |  | Filing Date<br>February 5, 2002                            | Group Art Unit<br>2822                |                               |

| U.S. Patent Documents |           |               |              |               |       |          |                            |
|-----------------------|-----------|---------------|--------------|---------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Patent Number | Issue Date   | Patentee      | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 5 925 980     | Jul 20, 1999 | So et al.     |       |          |                            |
|                       | AB        | 5 853 905     | Dec 29, 1998 | So et al.     |       |          |                            |
|                       | AC        | 6 130 001     | Oct 10, 2000 | Shi et al.    |       |          |                            |
|                       | AD        | 5 271 089     | Dec 14, 1991 | Ozawa         |       |          |                            |
|                       | AE        | 6 285 039     | Sep 4, 2001  | Kobori et al. |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
|   |           |                 |                  |                          |       |          | Yes         |
|   | AF        | 1 065 737       | Jan 3, 2001      | EPO                      |       |          | No          |
|   | AG        | 10-233288       | Sep 2, 1998      | Japan                    |       |          | Full        |
|   | AH        | 2001-52870      | Feb 23, 2001     | Japan                    |       |          | Full        |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |  |
|---|-----------|--|
| Examiner Initial  | Desig. ID | Document   |
| RR  | AI        | Tang et al. "Organic electroluminescent diodes." Applied Physics Letters 51(12): 1987. p. 913-915.   |
|   | AJ        | Kijima et al. "A blue organic light emitting diode." Jpn. J. Appl. Phys. 38: 1999. p. 5274-5277.   |
|   | AK        | C. Adachi et al. "Electroluminescence in organic films with three-layer structure." Jpn. J. Appl. Phys. 27(2): 1988. p. L269-L271.   |
|   | AL        | C.W. Tang et al. "Electroluminescence of doped organic thin films." J. Appl. Phys. 65(9): 1989. p. 3610-3616.  |
|   | AM        | "New Aspect of Research and Development of Organic EL." M&BE Seminar, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, 11(1): 2000. p. 3-12.   |
|   | AN        | T. Wakimoto et al. "Organic EL cells using alkaline metal compounds as electron injection materials." IEEE Transactions on Electron Devices 44(8): 1997. p. 1245-1248.   |
|   | AO        | S.A. Van Slyke et al. "Organic electroluminescent devices with improved stability." Appl. Phys. Lett. 69(15): 1996. p. 2160-2162.  |
| RR  | AP        | D.F. O'Brien et al. "Improved energy transfer in electrophosphorescent devices." Appl. Phys. Lett. 74(3): 1999. p. 442-444.  |
|   | AQ        | T. Tsutsui et al. "High quantum efficiency in organic light-emitting devices with iridium-complex as a triplet emissive center." Jpn. J. Appl. Phys. 38: 1999. p. L1502-L1504.   |
| RR  | AR        | T. Tsutsui et al. "The operation mechanism and the light emission efficiency of the organic EL element." Text of the Third Lecture Meeting, Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics, p. 31-37. |
| RR  | AS        | J. Kido et al. "Multilayer white light-emitting organic electroluminescent device." Science 267: 1995. p. 1332-1334.   |

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|--|----------------------------|
| Examiner Signature<br><i>H. Rose</i>   | Date Considered<br>11/8/05 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |



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| (37 CFR §1.98(b))   |  |   |                                       |                               |

| <b>Other Documents (include Author, Title, Date, and Place of Publication)</b> |           |   |
|--|-----------|---|
| Examiner Initial   | Desig. ID | Document  |
|  | AT        | Satoshi Seo et al., U.S. patent application serial no. 10/043,786, filed January 10, 2002       |
|  | AU        | Satoshi Seo et al., U.S. patent application serial no. 10/043,812, filed January 10, 2002       |
|  | AV        | Satoshi Seo et al., U.S. patent application serial no. 10/060,427, filed January 29, 2002       |
|  | AW        | Shunpei Yamazaki et al., U.S. patent application serial no. 10/062,005, filed January 31, 2002  |
|  | AX        | Shunpei Yamazaki et al., U.S. patent application serial no. 10/072,310, filed February 5, 2002  |
|  | AY        | Shunpei Yamazaki et al., U.S. patent application serial no. 10/081,971, filed February 20, 2002 |
|  | AZ        | Satoshi Seo et al., U.S. patent application serial no. 10/081,558, filed February 20, 2002      |
|  | AAA       | Hirokazu Yamagata et al., U.S. patent application serial no. 09/852,090, filed May 10, 2001.    |
|  | ABB       | Satoshi Seo et al., U.S. patent application serial no. 10/026,064, filed December 21, 2001.     |
|  | ACC       | Satoshi Seo et al., U.S. patent application serial no. 10/024,699, filed December 21, 2001.     |
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